

Title (en)
POLYURETHANE POLYAMIDE SELF-CRIMPING CONJUGATE FIBER

Publication
EP 0349313 A3 19910424 (EN)

Application
EP 89306598 A 19890629

Priority
JP 16417188 A 19880630

Abstract (en)
[origin: EP0349313A2] A polyurethane polyamide self-crimping conjugate fiber having eccentric conjugate form, comprises a high hardness polyurethane (1) having a Shore hardness D of 58 to 75 and a polyamide (2) having a melting point of at least 200°C, which has a excellent extension stress properties and excellent heat resistance. The conjugate fiber is suitable for hosiery products and tricot products, having excellent transparency of fabric and excellent close-fitting properties.

IPC 1-7
D01F 8/12; **D01F 8/16**

IPC 8 full level
D01F 8/12 (2006.01); **D01F 8/16** (2006.01)

CPC (source: EP US)
D01F 8/12 (2013.01 - EP US); **D01F 8/16** (2013.01 - EP US); **Y10T 428/2924** (2015.01 - EP US); **Y10T 428/2925** (2015.01 - EP US); **Y10T 428/2929** (2015.01 - EP US); **Y10T 428/2931** (2015.01 - EP US)

Citation (search report)
• [A] EP 0068659 A1 19830105 - TEIJIN LTD [JP]
• [X] PATENT ABSTRACTS OF JAPAN vol. 4, no. 2 (C-69) 9 January 1980, & JP-A-54 138618 (TORAY K.K.) 27 October 1979,
• [X] PATENT ABSTRACTS OF JAPAN vol. 4, no. 2 (C-69) 9 January 1980, & JP-A-54 138619 (TORAY K.K.) 27 October 1979,
• [A] WPIL, FILE SUPPLIER, DERWENT PUBLICATIONS LTD., LONDON, GB; & JP-A-1 118 619 (KANEBO K.K.) 11-05-1989
• [AD] WPIL, FILE SUPPLIER, DERWENT PUBLICATIONS LTD., LONDON, GB; & JP-A-62 156 314 (KANEBO K.K.) 11-07-1987

Cited by
EP2395137A4; EP1277861A1; EP0454160A3; US8596032B2

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